

Amendment

In the Specification

Please delete the first paragraph on page 1 and substitute therefore the following clean paragraph. A marked up copy of the paragraph, showing inserted text, is attached as Appendix A.

"This application is a continuation of application serial No. 09/070,497; which was a continuation of application serial No. 07/949,652, now U.S. Patent No. 5,612,179; which was a continuation of application serial No. 07/551,239, now U.S. Patent No. 5,192,659; which was a continuation of 07/550,939, abandoned; which was a continuation of 07/465,863, abandoned; which was a continuation of 07/405,499, abandoned; which was a continuation of 07/398,217, abandoned."

In the Claims:

Please amend the claims as follows. A clean set of claims as amended is shown below. A marked-up copy of the claims, showing any deletions or additions, is attached as Appendix B.

1. (Amended) A method of determining at least one haplotype of a genetic coding locus comprising:
 - (a) amplifying genomic DNA, wherein the amplified genomic DNA comprises a non-coding region sequence that is in genetic linkage with the genetic coding locus;
 - (b) detecting one or more sequence variations in the non-coding region; and
 - (c) determining at least one haplotype of the genetic coding locus.
2. The method of claim 1, wherein a single haplotype is determined.